



NEMO|etc.

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ENGINEER

EVALUATE

TEST

CONSULT

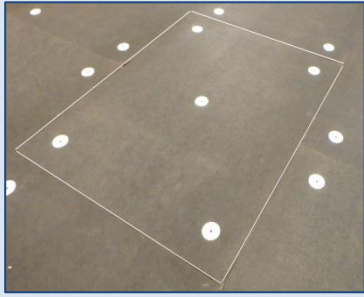
CERTIFY

**ROOF SYSTEM ASSESSMENT REPORT
DYNAMIC UPLIFT RESISTANCE PER CSA A123.21**

CLIENT:	Polyglass USA, Inc.	TEST DATE:	2017-08-02
DOCUMENT NO.	PLYG-PARS-3	PUBLICATION DATE:	2018-02-26
TEST PANEL NO.	PLYG-D6	REVISION NO.	R0
SYSTEM TYPE:	C	REEVALUATION DATE:	2021-02-26

PARTIALLY ADHERED ROOFING SYSTEM (PARS) SUMMARY

PERFORMANCE⇒	PASSING PRESSURE	WIND UPLIFT RESISTANCE (with SF of 1.5)
	2.1 kPa (45 psf)	1.4 kPa (30 psf)

COMPONENT	ALLOWABLE PRODUCTS		BY
CAP PLY⇒	Elastoflex VG FR, Elastoflex S6 G, Elastoflex S6 G FR, Elastoshield TS-G, Elastoshield TS-G FR, Polyfresko G SBS or Polyfresko G SBS FR		Polyglass USA, Inc.
ATTACHMENT:	torch-applied		
PLY⇒	(Optional) Elastoflex V, Elastoflex S6 or Polyglass HT Base 650		Polyglass USA, Inc.
ATTACHMENT:	torch-applied		
BASE PLY⇒	Elastoflex V, Elastoflex S6 or Polyglass HT Base 650		Polyglass USA, Inc.
ATTACHMENT:	torch-applied		
INSULATION, TOP LAYER⇒	Min. 1/8" Sopraboard		Soprema
ATTACHMENT:	1 per 4 ft ² (5 per 4x5 ft board); four (4) located 6" from each corner and one (1) at the center of the board.		
		Trufast #14 HD or Trufast #15 EHD Fasteners with Trufast 3" Metal Insulation Plate	Altenloh, Brinck & Co.
		OMG #14 Roofgrip or OMG XHD with OMG AccuTrac Flat Bottom Plate or OMG 3" Galvalume Steel Plate	OMG
INSULATION, MID-LAYER(S)⇒	(Optional) One or more layers, any combination, of any UL Classified polyisocyanurate insulation		Various
ATTACHMENT:	loose-laid		
INSULATION, BASE LAYER⇒	Min. 1.5" thick UL Classified polyisocyanurate insulation		Various
ATTACHMENT:	loose-laid		
VAPOUR BARRIER⇒	Elastoflex SA V		Polyglass USA, Inc.
ATTACHMENT:	self-adhering		

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Page 2 of 2

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COMPONENT	ALLOWABLE PRODUCTS	BY
THERMAL BARRIER⇒	(Optional) Thermal barrier of any specified type or thickness	Various
ATTACHMENT:	loose-laid, adhered or mechanically attached	
DECK⇒	Minimum 22 ga. type B steel meeting ASTM A653, A792, A1008 or CSSBI 10M standards and having a yield strength of 40 ksi (275 MPa), or alternate steel deck providing the fastener withdrawal resistance noted below	Various
FASTENER POINT-LOAD⇒	801 N (180 lbf)	

END OF REPORT